



1645

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#5

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/084,638
	Filing Date	02/27/2002
	First Named Inventor	BABICH, Michael
	Group Art Unit	1645
	Examiner Name	not yet assigned
Total Number of Pages in This Submission	Attorney Docket Number	21511-92177

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Signature	<i>Alice O. Martin</i>
Date	12/4/02

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**PATENT APPLICATION
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Group Art
Unit: 1645

Application No.: 10/084,638

Filing Date: February 27, 2002

First Named
Inventor: BABICH, Michael

Title: COMPOSITIONS OF MULTIMERIC
PROFILIN FOR DIAGNOSIS AND
TREATMENT OF ALLERGIES

Attorney
Docket No.: 21511-92177

Examiner
Name: not yet assigned

Certificate Under 37 CFR 1.8(a)

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Alice O. Martin
(Alice O. Martin)

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Assistant Commissioner of Patents
Washington, D.C. 20231

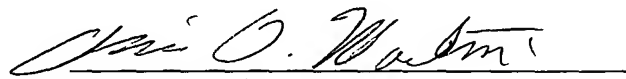
Sir:

This Supplemental statement is filed in the application identified above pursuant to 37 C.F.R. § 1.97(b)(3). No representation is intended that a complete search has been made of the prior art or that no better publications than listed on Form PTO/SB/08A are available. A copy of the publications cited are being provided herewith for review by the Examiner.

The filing of this Supplemental Statement shall not be construed to be an admission that the information cited in the Supplemental Statement is, or is considered to be, material to patentability as defined in § 1.56(b).

No other fees are believed due at this time, however, please charge any deficiencies or credit any overpayments to deposit account number 10-0435 with reference to our attorney docket number (21459-93195).

Respectfully submitted,



Alice O. Martin
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Dated: 12/4/02

FORM PTO/SB/08A
(REV. 10-96)

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 2

Complete if Known

Application Number:	10/084,638
Filing Date:	February 27, 2002
First Named Inventor:	BABICH, Michael
Group Art Unit	1645
Examiner Name	not yet assigned
Attorney Docket Number:	21511-92177

U.S. PATENT DOCUMENTS

*Examiner Initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A.1	5,583,046	Dec. 10, 1996	Valenta et al.	RECEIVED DEC 11 2002 TECH CENTER 1600/2900
	A.2	5,648,242	July 15, 1997	Valenta et al.	
	A.3				
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FOREIGN PATENT DOCUMENTS

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¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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Sheet 2 of 2

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Application Number	10/084,638
Filing Date	February 27, 2002
First Named Inventor	BABICH, Michael
Group Art Unit	1645
Examiner Name	not yet assigned
Attorney Docket Number	21511-92177

A OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A.1	AALBERSE, R.C., et al. (2001) "Cross-reactivity of IgE antibodies to allergens." <i>Allergy</i> 56:478-490.	
	A.2	BABICH, M., et al. (1996) "Profilin Forms Tetramers That Bind to G-Actin." <i>Biochemical and Biophysical Research Communications</i> 218:125-131.	q
	A.3	DUBOST, R., et al. (2000) "Incidence de la Sensibilisation a la Profiline Dans Une Population Allergique Aux Pollens: Responsabilite de la Profiline Dans Des Polysensibilisations Polliniques Chez des Patients a Taux Normal D'IgE Totales." <i>Allergie et Immunologie</i> 32, 5: 199-206.	
	A.4	FEDOROV, A.A., et al. (1997) "The molecular basis for allergen cross-reactivity: crystal structure and IgE-epitope mapping of birch pollen profilin." <i>Structure</i> 5:1 33-45.	
	A.5	LEITNER, A., et al. (1998) "A mimotope defined by phage display inhibits IgE binding to the plant panallergen profilin." <i>Eur. J. Immunol.</i> 28:2921-2927.	
	A.6	MARI, A. (2001) "Multiple Pollen Sensitization: A Molecular Approach to the Diagnosis." <i>Allergy Immunology</i> 125:57-65.	
	A.7	MITTERMANN, I., et al. (1998) "Oligomerization of profilins for birch, man and yeast. Profilin, a ligand for itself?" <i>Sex Plant Reprod</i> 11:183-191.	
	A.8	PSARADELLIS, T., et al. (2000) "Recombinant Zea mays profilin forms multimers with pan-allergenic potential." <i>Allergology International</i> 49:27-35.	
	A.9	THORN, K.S., et al. (1997) "The crystal structure of a major allergen from plants." <i>Structure</i> 5:19-32.	
	A.10	VALENTA, R., et al. (1992) "Profilins Constitute a Novel Family of Functional Plant Pan-allergens." <i>J. Exp. Med.</i> 175:377-385.	
	A.11	VALENTA, R., et al. (2001) "Recombinant allergen molecules: tools to study effector cell activation." <i>Immunological Reviews</i> 179:119-127.	
	A.12	VRTALA, S., et al. (2001) "Genetic engineering of a hypoallergenic trimer of the major birch pollen allergen Bet v 1 ¹ ." <i>The FASEB Journal</i> 15:2045-2047.	
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